

Case Study

AM Series Aids Assisted Living Center with Energy Saving, Easy-to-Use Hydronic System

Customer	The Parke Assisted Living Center
Location	Tulsa, Oklahoma
Industry	Multifamily Housing
Sales Representative	Hydronic Systems
AERCO Product Installed	AM 750, 1000



What the Client Needed

The Parke Assisted Living Center in Tulsa, Oklahoma is the first facility in the state to install the AERCO AM Series Water Heater and Boiler System. Don East, part owner of The Parke assisted living center, spoke with his maintenance manager, who proposed purchasing the AERCO AM Boiler Series. "He identified a problem with our old boilers and indicated they were starting to fail. After analyzing the situation, he recommended we talk to Hydronic Systems about using this product because it was more sophisticated and efficient."

AERCO's Solution

The modular design of the AM Series has many distinct advantages and is based on a multiple, module design, where each module has its own independent gas valve, blower, burner and combustion controls and safeties to provide the security of a multiple boiler plant with the simplicity of a single boiler installation. "Building owners realize utility cost savings because the system has the ability to fire one or more modules independently as needed to maintain a comfortable environment. The system also has a much smaller footprint as it boasts a design that is fully serviceable from the front of the unit, thus allowing near-zero side clearance upon installation," explained Boozer. Hydronic Systems worked with Air Comfort, Inc. in Jenks, Oklahoma to install the two modular boilers. "We replaced the old boilers with the new AM Series Boilers. These are really nice systems and much more user friendly than I have seen from AERCO's competition," said Jason Blevins, a project manager for Air Comfort, Inc. "What is really nice about the system is the overall ease of use. A lot of systems are complicated but the set up and startup on this system was very straight forward, especially for a high-efficiency boiler system. The user-friendly aspects of this system will be beneficial to the building owners," commented Blevins.

Return on Investment

The new AM series also works well with the existing heat pump system The Parke was already utilizing. With the ability to maintain the temperature to within a few degrees of set-point and warm the water quickly if needed, the modular system will save The Parke a good deal of money in utility costs. The modular system will allow the boilers to operate as redundant units by themselves, nearly eliminating downtime. If there is ever an issue or problem with one of the independent firing burners, it does not affect the operation of the others in the unit. Don East reports the building owners are pleased with the system. Through the first full heating system the AM Series provided reliable and comfortable heat.